

POLACOAT® HIGH RESOLUTION DIFFUSION SCREENS

Specifying Da-Lite's Polacoat® Rear Projection Screens:

Da-Plex™

- Acrylic base for breakage resistance, lightweight, high optical quality, ease of handling and superior transmission.
- In standard sizes up to 9' x 18' outside dimension.

Note:

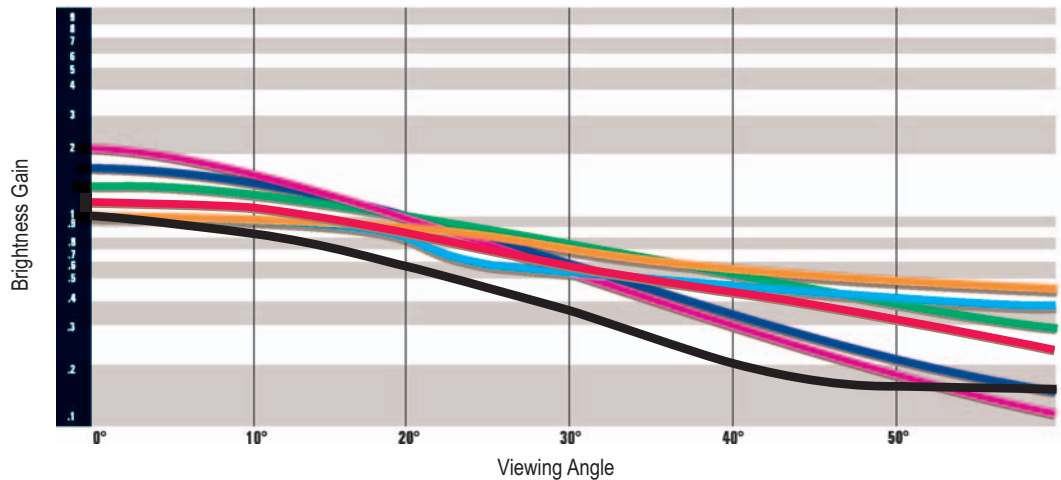
Wider sizes available upon request.

Da-Glas™

- Glass provides flat, rigid base for long service life, maximum sound isolation and structural strength.
- In standard sizes up to 10' x 20' outside dimension.

Note:

Wider sizes available upon request.



	Da-Plex™	Da-Glas™
Standard Size Selection Up To*	9' x 18'	10' x 20'
Indoor Service Life	Indefinite	Indefinite
Noise Isolation	Excellent	Excellent
Scratch Resistance	Excellent	Excellent
Cleaning Method	Mild Soap and Water	Mild Soap and Water
Cleaning Frequency	As Required	As Required
Break Resistance	Excellent	Good
Weight	Lighter	Heavier
Thicknesses	1/4", 3/8", 1/2"	1/4", 3/8", 1/2"

*Note: Wider sizes available upon request.

Optional Tint:

High Contrast Tint

This feature can enhance the perceived quality of data images. By making the dark elements of an image appear even darker, perceived contrast is increased.

Note: High Contrast Tint cannot be used with Video Vision or Data Vision coatings.

Select the Optical Coating On Diffusion Screens:

Da Lite's Polacoat® rear screens consist of an extremely fine, precisely applied optical coating on a glass or acrylic substrate.

- Coating designed to provide the highest resolution and most accurate color fidelity.
- Less than .004" thick chemically-bonded optical coating is permanent and will not turn yellow, deteriorate or peel off.
- Custom gain requirements available upon request.

Video Vision:

A special coating process produces a unity gain screen ideal for video projection under controlled light conditions. With an exceptionally wide half angle of 55° each seat in the audience will observe a uniform, bright, sharp image with chromatic fidelity.

Data Vision:

The Data Vision coating is dark in appearance and produces a unity gain screen ideal for data projection. The special coating successfully rejects ambient light and maintains a high contrast level. Data Vision produces a half angle of 24 degrees.

DA-100:

The DA-100 coating is neutral gray in appearance and produces an on-axis gain of 1 and a 35° half angle. This is the most uniform of all diffusion screens with contrast enhancement. This gain is particularly suited to high-resolution applications.

DA-130:

The DA-130 coating is neutral gray in appearance and produces a 1.3 on axis gain and a 34° half angle. This coating is best suited in applications requiring moderate gain and viewing angles.

DA-150:

A neutral gray screen offering an on-axis gain of 1.5, the DA-150 is a surface well suited for applications whose viewing angles are not large but can benefit from moderate screen gain. DA-150 offers a 32° half angle.

DA-180:

The neutral gray DA-180 screen's gain is 1.8. This is a particularly good surface when reduced viewing angles can allow for a higher gain performance. The half angle of the DA-180 is 30° with a generous viewing cone of 60°.

DA-230:

The DA-230 is a 2.3 gain, neutral gray screen. This screen's half angle is approximately 25° with a viewing cone of approximately 50°. Because of its higher gain, the DA-230 can more successfully compete with larger amounts of ambient room light than lower gain screens.

Note:

Custom gain screens available upon request.